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# ANNUAL REPORT

AND

STATEMENT OF ACCOUNTS

OF THE

## ALABAMA GREAT SOUTHERN

### RAILROAD COMPANY

FOR THE

YEAR ENDED JUNE 30, 1899

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### RAILROAD COMPANY

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YEAR ENDED JUNE 30, 1899.



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BOARD OF DIRECTORS.

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A. B. ANDREWS,	RALEIGH, N. C.
H. DOUGHTY BROWNE,	LONDON, ENG.
C. H. COSTER,	NEW YORK.
S. M. FELTON,	CINCINNATI, O.
C. C. HARVEY,	NEW ORLEANS, LA.
G. W. MASLIN,	NEW YORK.
W. G. OAKMAN,	NEW YORK.
FRANCIS PAVY,	LONDON, ENG.
SAMUEL SPENCER,	NEW YORK.
FRANCIS LYNDE STETSON,	NEW YORK.
W. S. TOWNSEND,	NEW YORK.

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## GENERAL OFFICERS.

---

SAMUEL SPENCER, . . . .	PRESIDENT, . . . .	New York.
A. B. ANDREWS, . . . .	FIRST VICE-PRESIDENT, . .	Raleigh, N. C.
W. W. FINLEY, . . . .	SECOND VICE-PRESIDENT, . .	Washington, D. C.
FRANK S. GANNON, . . . .	GENERAL MANAGER, . . . .	Washington, D. C.
FRANCIS LYNDE STETSON, . .	GENERAL COUNSEL, . . . .	New York.
JOSIAH F. HILL, . . . .	SECRETARY, . . . .	New York.
A. H. PLANT, . . . .	AUDITOR, . . . .	Washington, D. C.
H. C. ANSLEY, . . . .	TREASURER, . . . .	Washington, D. C.





NEW YORK, September 11, 1899.

*To the Stockholders of the Alabama Great Southern Railroad Company:*

The President and Board of Directors submit the following report of the operations of the Company for the year ended June 30, 1899:

### INCOME ACCOUNT.

	1899.	1898.
Gross earnings from operation.....	\$1,816,523 25	\$1,741,933 61
Operating expense and taxes.....	1,246,185 29	1,182,904 09
Net earnings from operation.....	\$570,337 96	\$559,029 52
Income from other sources.....	7,080 00	7,358 52
	<u>\$577,417 96</u>	<u>\$566,388 04</u>
Interest and rentals.....	\$282,832 40	\$282,862 40
Other deductions from income.....	19,412 02	17,586 97
	<u>\$302,244 42</u>	<u>\$300,449 37</u>
Balance of income for the year.....	<u>\$275,173 54</u>	<u>\$265,938 67</u>

For details of the Income Account see Table B, page 24, and of the Earnings and Expenses see Tables F and G, pages 28 to 31.

### PROFIT AND LOSS ACCOUNT.

The credit balance of profit and loss brought forward on July 1, 1898, was..... \$352,107 43  
The credit balance from income for the year 1898-99 was ..... 275,173 54  
A total of. .... \$627,280 97

<i>Brought forward</i> .....	\$627,280	97
Against which there have been charged during the year:		
Dividends, 6 per cent. on preference shares (less English Income Tax) declared payable, 3 per cent. in December, 1898, and 3 per cent. in May, 1899.....	\$190,570	60
Account written off .....	5,000	00
		<hr/> 195,570 60
Balance at credit of profit and loss, June 30, 1899...	\$431,710	37

The financial condition of the Company at the close of the year is shown by the Balance Sheet (Table A, pages 22 and 23).

The Company has no floating debt.

There has been no change during the year in the amount of capital stock or funded debt outstanding.

The charges to Capital Account during the year have amounted to \$59,055.83, representing the cost of applying air brakes and automatic couplers to freight cars as required by the United States law.

No expenditures upon roadbed or structures have been charged to Capital Account during the year. The policy has been continued of charging all betterments to existing property to Operating Expenses.

The reserve accounts for replacement and for maintenance appearing in the balance sheet are represented by cash on hand, reserved and held separately from current cash, to be used, when required, for the purposes stated.

Contracts have been made during the year for 350 new freight cars, costing \$154,150, viz.:

- 100 Ventilated Box Cars.
- 100 Hopper-Bottom Coal Cars.
- 100 Flat-Bottom Coal Cars.
- 50 Flat Cars.

The payments for this equipment have been extended over a period of three years from the dates of the delivery of the equipment, in equal monthly instalments, with interest at the rate of five per cent. per annum. The unpaid balance on account of these purchases on June 30, 1899, is represented by Car Trust Notes to the amount of \$138,686.82, as shown in Balance Sheet, Table "A."

As forecasted in the last annual report, this equipment was acquired to take the place of cars of small capacity, or of those which had previously been retired, the replacement of which had been or is being provided for in the Reserve Account for Replacement of Rolling Stock, and the partial payments on account of said purchases to June 30, 1899, have been charged to that account.

The value of all equipment retired or condemned during the year has been charged to Operating Expenses and that amount credited to the Reserve Account for the Replacement of Rolling Stock.

On February 28, 1899, the Chattanooga Rapid Transit Company defaulted in payments of rental required by the contract under which the Rapid Transit Company operated passenger service over certain tracks of the Belt Railway Company of Chattanooga. The Alabama Great Southern Company accordingly resumed the handling of this passenger business until May 1, 1899, when a satisfactory settlement was made with the Rapid Transit Com-

pany, and that company thereupon resumed passenger service on the Belt Railway under a new agreement on substantially the same terms as those of the previous agreement, as outlined on page 11 of the last annual report.

On account of the protracted wet weather in December and January about one-third of the cotton crop along the line was lost.

Traffic was somewhat interrupted from time to time between September 5th and October 24th, 1898, on account of yellow fever quarantine restrictions; also to an unusual extent during the winter and spring on account of damage and delays from storms and washouts caused by heavy rains.

Especial attention is directed to the General Manager's Report for statistics, details of earnings and expenses, materials used and betterments made and to the several tables from the Audit Department attached hereto for statistics relating to the property and its operation for the year.

The acknowledgments of the Board and of the shareholders are due to the officers and employees of the Company for the faithful and efficient discharge of their duties during the year.

Respectfully submitted by order of the Board.

SAMUEL SPENCER,  
*President.*

## ALABAMA GREAT SOUTHERN RAILROAD COMPANY.

OFFICE OF GENERAL MANAGER,

WASHINGTON, D. C., September 1, 1899.

MR. SAMUEL SPENCER, *President*,

New York.

DEAR SIR :

Below please find report upon the operations and physical condition of the Alabama Great Southern Railroad for the year ended June 30, 1899.

The road operated consists of 295.95 miles of main line between Chattanooga, Tenn., and Meridian, Miss. (including 5.01 miles of trackage rights between Chattanooga and Wauhatchie, Tenn.), 5.90 miles of branch line between Attalla, Ala., and Gadsden, Ala., and 8.01 miles of trackage rights between Woodstock and Blocton, Ala.,—making a total of 309.86 miles of main line and branches,—and of 63.93 miles of terminal tracks and 73.12 miles of sidings.

## MILEAGE BY STATES.

	MAIN LINE.	BRANCH LINES.	TERMI- NAL TRACKS.	TOTAL.	SIDE TRACKS.	TOTAL.
Tennessee { A. G. S.....	7.90	.....	.....	7.90	6.07	13.97
{ Belt Ry. of Chatta.....	.....	.....	44.48	44.48	.....	44.48
Georgia { A. G. S.....	24.32	.....	.....	24.32	3.12	27.44
{ Belt Ry. of Chatta.....	.....	.....	.65	.65	.....	.65
Alabama —A. G. S.....	244.95	13.91	18.80	277.66	58.80	336.46
Mississippi—A. G. S.....	18.78	.....	.....	18.78	5.13	23.91
Total.....	295.95	13.91	63.93	373.79	73.12	446.91



## EARNINGS AND EXPENSES.

Earnings and Expenses for the year ended June 30, 1899, compared with the previous year, were :

EARNINGS.	1899.	1898.	INCREASE.	DECREASE.	PER CENT.
From Passengers.....	\$398,179 14	\$329,614 92	\$68,564 22		20.80
“ Freight.....	1,152,909 81	1,137,137 44	15,772 37		1.39
“ Mail.....	65,914 44	67,761 31		\$1,846 87	2.73
“ Express.....	38,000 00	38,000 00			
“ Miscellaneous.....	161,519 86	169,419 94		7,900 08	4.66
Total .....	\$1,816,523 25	\$1,741,933 61	\$74,589 64		4.28
Earnings per Mile of Road.....	\$5,862 40	\$5,621 68	\$240 72		4.28
EXPENSES.	1899.	1898.	INCREASE.	DECREASE.	PER CENT.
For Conducting transportation.....	\$562,411 43	\$512,229 85	\$50,181 58		9.80
“ Maintenance of way and structures.....	256,856 67	270,157 72		\$13,301 05	4.93
“ Maintenance of equipment .....	290,818 53	254,893 75	35,924 78		14.09
“ General expenses.....	64,151 43	66,644 72		2,493 29	3.74
“ Taxes.....	71,947 23	78,978 05		7,030 82	8.90
Total .....	\$1,246,185 29	\$1,182,904 09	\$63,281 20		5.35
Expenses per mile of road.....	\$4,021 77	\$3,817 54	\$204 23		5.35
NET EARNINGS.....	\$570,337 96	\$559,029 52	\$11,308 44		2.02
Net earnings per mile of road	1,840 63	1,804 14	36 49		2.02
Ratio of expenses to earnings :					
Including taxes.....	68.60%	67.91%	.69%		
Excluding taxes.....	64.64%	63.37%	1.27%		
Miles operated.....	309.86	309.86			

## FREIGHT TRAFFIC.

There was an increase in freight earnings of \$15,772.37, or 1.39 per cent., as compared with previous year.

The number of tons of commercial freight moved increased 34,272 tons, or 3.03 per cent.

The number of tons moved one mile increased 4,399,026, or 2.56 per cent.

The average length of haul per ton was 150.85 miles, a decrease of 0.68 mile, or 0.45 per cent.

The average rate per ton per mile was 0.66 of a cent, the same as in the previous year.

The average earnings per freight-train mile were \$1.57, as compared with \$1.63 the previous year, a decrease of 3.68 per cent.

The rates per ton per mile, train haul, and earnings per freight-train mile, for the past eight years, have been as follows :

	Earnings per Ton per Mile.	Average Tons per Train.	Average Earnings per Freight- Train Mile.
1892.....	0.72 cts.	185.12	\$1.33
1893.....	0.64 “	204.42	1.31
1894.....	0.68 “	219.65	1.50
1895.....	0.64 “	238.27	1.52
1896.....	0.64 “	247.42	1.59
1897.....	0.67 “	245.93	1.64
1898.....	0.66 “	245.73	1.63
1899.....	0.66 “	239.97	1.57

## PASSENGER TRAFFIC.

There was an increase in passenger earnings of \$68,564.22, or 20.80 per cent., as compared with previous year.

The number of passengers carried increased 38,864, or 19.16 per cent.

The number of passengers carried one mile increased 3,368,959, or 23.92 per cent.

The average distance traveled by passengers was 72.19 miles, an increase of 3.99 per cent. as compared with the previous year.

The average rate per passenger per mile was 2.28 cents, as compared with 2.34 cents in the previous year, a decrease of 2.56 per cent.

The average earnings of passenger trains per mile run were \$1.11, as compared with \$1.03 in the previous year, an increase of 7.77 per cent.

### MAIL EARNINGS.

The decrease of \$1,846.87, or 2.73 per cent., was due to discontinuance of one post-office car between Chattanooga and Meridian on April 1, 1899.

### MISCELLANEOUS EARNINGS.

The decrease of \$7,900.08, or 4.66 per cent., in Miscellaneous Earnings, was due mainly to decreases in amounts received for engine hire and car mileage.

### PHYSICAL CONDITION.

#### STEEL RAILS :

4,980 725/2240 tons of new 75-pound steel rail have been laid during the year, replacing 60-pound steel (as against 2,619 2090/2240 tons in the year previous), as follows :

Between Mile Posts 30 and 31.....	.26 miles.
“ “ “ 31 “ 33.....	1.33 “
“ “ “ 144 “ 164.....	19.24 “
“ “ “ 273 “ 294 .....	20.79 “
Total .....	41.62 “

The weight of rail in main track owned June 30, 1899, was as follows :

75-Pound Steel Rail .....	67.72 miles.
60   "   " .....	223.22   "
Total .....	290.94   "

#### SIDE-TRACKS :

Two miles of side-tracks have been constructed during the year, 1.03 miles of which reach new industrial plants, and 1.2 miles of side-tracks have been taken up, the net increase in length of side-tracks being .8 mile.

These side-tracks were constructed as follows :

	FOR GENERAL USE.	FOR NEW INDUSTRIAL PLANTS.	TOTAL.
Alabama Great Southern R. R.....	4,361 feet.	2,336 feet.	6,697 feet.
Belt Railway of Chattanooga.....	725   "	3,109   "	3,834   "
Total.....	5,086 feet.	5 445 feet.	10,531 feet.

#### CROSS-TIES AND SWITCH-TIES :

There were used during the year 141,246 cross-ties as follows :

##### Main-Line Renewals :

A. G. S. R. R.....	117,033	
Belt Ry. of Chattanooga.....	9,023	
		126,056

##### Side-Track Renewals :

A. G. S. R. R.....	13,154	
		13,154

Total Renewals.....	139,210
---------------------	---------

## For New Side-Tracks :

A. G. S. R. R.....	1,931	
Belt Ry. of Chattanooga.....	105	
		<hr/> 2,036
Total .....	141,246	

During the past eight years cross-ties have been put in the track as follows :

1892.....	186,668
1893.....	204,076
1894 .....	107,793
1895 .....	141,437
1896.....	192,457
1897.....	124,479
1898.....	149,605
1899.....	141,246

Switch-ties have been used during the year as follows :

## For Renewals :

A. G. S. R. R. ....	65 sets.	
Belt Railway of Chattanooga.....	5 “	
		<hr/> 70 sets.

## For New Side-Tracks :

A. G. S. R. R. ....	6 sets.	
Belt Railway of Chattanooga.....	5 “	
		<hr/> 11 “
Total.....	81 “	

## BALLAST :

57,969 cubic yards of ballast have been put in the track during the year, as against 39,216 cubic yards in the year previous, as follows :

	Cubic Yards.	Miles of Track.
Track Not Previously Ballasted.....	38,444	19.62
Ballast Renewals.....	19,525	10.98
		<hr/>
Total .....	57,969	30.60



At the end of this fiscal year the number of miles of ballasted track was as follows :

	Stone.	Slag.	Total.
Alabama Great Southern R. R.....	.....	181.68	181.68
Belt Railway of Chattanooga .....	4.00	10.00	14.00
Total.....	4.00	191.68	195.68

#### BRIDGES AND TRESTLES :

264 lineal feet of trestle have been filled in.

A new steel bridge was erected over the Sucarnotchie River during the year, and new steel bridges are now in process of erection over the Warrior and Tombigbee Rivers, completion of which is expected by September 15, 1899.

A new steel bridge has been ordered for Lookout Creek, and will be erected during the coming year.

#### BUILDINGS :

A new freight and passenger depot was built at Kewanee, Miss., in place of one destroyed by fire in February, 1898.

General repairs and renewals were made upon the following buildings and structures :

Central Passenger Station, Chattanooga ; Depot, Trenton ; Platform, Collinsville ; Depot, Springville ; Freight Depot and Transfer Platform, Birmingham ; Passenger Depot, Tuscaloosa ; Platform, Stewart ; Cotton Platform, Eutaw ; Platform and Depot, Boligee ; Platform and Depot, Epes ; Compress Platform and Union Depot, Meridian ; Coal Chute, Birmingham ; Section Houses, Rising Fawn, St. Clair, and Maxwell ; Yard Office, Birmingham.

Track scales at Bessemer have been renewed.

Fences, cattle guards, signs, road crossings, etc., have been maintained in good order generally during the year.

A new 60,000-gallon tank has been put up at Epes, Ala.

The track, bridges, buildings and all other structures and the shop-tools and machinery have been maintained in good standard condition, and many of the structures have been much improved during the year.

#### EQUIPMENT :

The equipment at the close of the year (including that of the Belt Railway of Chattanooga), consisted of :

- 54 Locomotives.
- 44 Passenger Cars.
- 3,585 Freight Cars.
- 23 Roadway and Construction Cars.

Freight Equipment was added during the year as follows :

- 100 Ventilated Box Cars.
- 100 Flat-bottom Gondola Cars.
- 100 Hopper-Bottom Coal Cars.
- 50 Flat Cars.

There have been condemned, destroyed or sold during the year :

- 3 Locomotives.
- 11 Passenger Cars.
- 92 Freight Cars.
- 11 Roadway Cars.

Air-brakes and couplers were applied during the year as follows :

955 freight cars received air-brakes, costing	\$50,544.04
542 " " auto-couplers, "	8,511.79
Total.....	\$59,055 83

This make 2,503 freight cars, or 69.82 per cent. of the total, equipped with air-brakes, and 2,679 freight cars, or 74.73 per cent. of the total, equipped with automatic couplers. The total cost of applying air-brakes and couplers to cars during the past four years has been \$120,061.93, representing the cost of equipping 1,567 freight cars with brakes and 1,318 with couplers.

Respectfully submitted,

FRANK S. GANNON,  
*General Manager.*



WASHINGTON, D. C., September 1, 1899.

Mr. SAMUEL SPENCER,  
President,  
New York.

DEAR SIR :

I hand you herewith Financial and Statistical Tables, in the usual form, for the year ended June 30, 1899, as follows :

- Table A. Balance sheet.
- “ B. Income account.
- “ C. Profit and loss account.
- “ D. Statement of bonded debt.
- “ E. Capital expenditure.
- “ F. Details of operating expenses.
- “ G. Statistical table.
- “ H. Comparative Statement of maintenance of way.
- “ I. Performance of locomotives.
- “ J. Monthly receipts and expenses.
- “ K. Statement of passenger traffic.
- “ L. Statement of freight traffic.
- “ M. Classification of freight forwarded.
- “ N. Rolling stock.
- “ O. Mileage of road operated.
- “ P. Movement of freight trains and cars.
- “ Q. Material and supplies on hand.

Respectfully submitted,

A. H. PLANT,

*Auditor.*



TABLE A.

## ALABAMA GREAT SOUTHERN

DR.

BALANCE SHEET

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---

COST OF ROAD.....	\$12,731,862 07
EQUIPMENT OWNED.....	2,279,945 27
INVESTMENTS.....	1,249,533 63

---

	\$16,261,340 97
CAR-TRUST EQUIPMENT.....	138,686 82
ARREARS OF DIVIDEND SUSPENSE.....	258,832 67
STOCK OF MATERIAL ON HAND.....	92,016 37
SUNDRY ACCOUNTS.....	18,400 67
SPECIAL CASH RESERVE FUND FOR NEW PROPERTY AND BETTERMENTS.....	108,355 00
SPECIAL CASH RESERVE FUND FOR DEFERRED RENEWALS.....	185,000 00

## CURRENT ASSETS :

Cash in hands of Treasurer and in hands of Financial Agents.....	\$211,509 94
Remittances in transit.....	21,953 61
Station agents and conductors .....	32,908 23
London office coupon account .....	2,372 51
Ala. Great Southern Ry. Co., Limited.....	8,321 96
Other railroads.....	131,750 52
United States Post-Office Department.....	15,424 31
Southern Express Company.....	3,166 68
Individuals and companies... ..	59,397 46
Bills receivable... ..	3,009 00

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489,814 22

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\$17,552,446 72

TABLE A.

## RAILROAD COMPANY.

JUNE 30, 1899.

CR.

ORDINARY SHARES.....		\$7,830,000 00
PREFERRED SHARES.....	\$4,000,000 00	
Less unissued.....	619,650 00	
		3,380,350 00
FIRST MORTGAGE BONDS .....		1,750,000 00
DEBENTURES.....		670,000 00
GENERAL MORTGAGE BONDS.....	\$5,637,600 00	
Less in trust.....	\$2,352,240 00	
Less unissued.....	729,000 00	
		3,081,240 00
		2,556,360 00
		\$16,186,710 00
CAR-TRUST NOTES.....		138,686 82
CERTIFICATES FOR FUNDED ARREARS OF DIVIDEND.....		258,832 67
INTEREST ACCRUED, BUT NOT DUE :		
On debentures.....	\$14,652 90	
On general mortgage bonds.....	10,651 50	
		25,304 40
RESERVES :		
For replacement of rolling stock.....	\$135,384 95	
For maintenance of way.....	47,153 80	
Total for deferred renewals.....		182,538 75
For taxes accrued, not due.....	\$35,120 73	
Miscellaneous. ....	53,620 19	
Total for taxes and miscellaneous purposes.....		88,740 92
SUNDRY ACCOUNTS.....		3,352 10
CURRENT LIABILITIES :		
Interest and rentals payable, including those		
due July 1, 1899 .....	\$63,342 51	
Vouchers and accounts payable.....	79,210 58	
Creditors on payroll.....	51,255 34	
Individuals and companies.....	35,727 46	
Other railroads.....	7,034 80	
		236,570 69
PROFIT AND LOSS.....		431,710 37
		\$17,552,446 72

TABLE B.

## INCOME ACCOUNT FOR THE YEAR ENDED JUNE 30, 1899.

To OPERATING EXPENSES AND TAXES:	Maintenance of Way and Structures.....	\$256,856 67	By GROSS EARNINGS:	Passenger.....	\$398,179 14
	Maintenance of Equipment.....	290,818 53		Freight .. ...	1,152,909 81
	Conducting Transportation .....	562,411 43		Mail .. ...	65,914 44
	General Expenses and Taxes.....	136,098 66		Express.....	38,000 00
				Miscellaneous.....	161,519 86
To FIXED CHARGES, INCLUDING RENTALS:		\$1,246,185 29	By INCOME FROM INVESTMENTS:		
	First Mortgage Bonds, 6 per cent.....	\$104,940 00		Interest on Belt Railway Co. of Chattanooga Bonds owned by the Company.....	\$7,080 00
	General Mortgage Bonds, 5 per cent.....	127,818 00			
	Debenture, 6 per cent.....	39,074 40			
To OTHER DEDUCTIONS FROM INCOME:	Belt Ry. Co. of Chattanooga, 1st Mortgage, 4 per cent.....	11,000 00			7,080,00
		282,832 40			
	Expenses of English Co. ....	\$11,361 06			
	English Income Tax.....	6,057 41			
	General Interest Account.....	1,550 33			
	Exchange Account.....	443 22			
		19,412 02			
	Balance carried to credit of Profit and Loss Account for year .....	275,173 54			
		\$1,823,603 25			\$1,823,603 25

TABLE C.  
 PROFIT AND LOSS ACCOUNT, YEAR ENDED  
 JUNE 30, 1899.

Credit balance of profit and loss brought forward on July 1, 1898.....	\$352,107 43
Balance of Income for the year 1898-9.....	275,173 54
Total Credits .....	<u>\$627,280 97</u>
Deduct :	
Dividends, 6 per cent. on preference shares (less English Income Tax), paid 3 per cent. January, 1899, and 3 per cent. June, 1899.....	\$190,570 60
Part of account written off as valueless.....	5,000 00
	<u>195,570 60</u>
Balance at credit of profit and loss, June 30, 1899.....	<u><u>\$431,710 37</u></u>

TABLE D.  
STATEMENT OF BONDED DEBT JUNE 30, 1899.

No. of Bonds	Class of Bonds.	Denomination.	Date.	When Due.	INTEREST.		Amount of Bonds Authorized.	Amount Held in Trust.	Amount Unissued.	Amount Outstanding.	Annual Interest on Outstanding Bonds.
					Rate.	When Payable.					
1750	First Mortgage.	\$1,000	Jan. 1, 1878	Jan. 1, 1908	6%	Jan. & July	\$1,750 000			† \$1,750,000	\$104,940 00
1340	Debentures .....	\$500	May 31, 1888	Aug. 15, 1906	6%	Feb. & Aug.	\$670,000			\$670,000	\$39,074 40
11600	Gen'l Mortgage.	£100	Aug. 7, 1888	Dec. 1, 1927	5%	June & Dec.	£1,160,000 Equivalent to \$5,637,600	* £484,000 Equivalent to \$2,352,240	£150,000 Equivalent to \$729,000	£526,000 Equivalent to \$2,556,360	£26,300 00 Equivalent to \$127,818 00

\* Held in trust to retire the first mortgage bonds and debentures.

† Includes one bond owned by this Company and in its treasury.



TABLE E.  
 STATEMENT OF CAPITAL EXPENDITURE  
*For years ended June 30, 1899 and 1898.*

	1898-9.	1897-8.
Air brakes and automatic couplers for freight cars .....	\$59,055 83	\$3,729 98

TABLE F.  
OPERATING EXPENSES.

MAINTENANCE OF WAY AND STRUCTURES.	1898-1899.	1897-1898.
Superintendence.....	\$3,198 07	\$3,920 95
Repairs of roadway and track.....	126,997 33	113,281 86
Renewal of rails.....	36,439 39	17,959 00
Renewal of ties.....	40,469 26	48,321 29
Repairs of bridges and culverts.....	32,564 23	60,789 41
Repairs of fences and road crossings.....	2,603 00	3,727 58
Repairs of buildings and fixtures.....	14,487 23	21,155 09
Repairs of telegraph.....	74 57	900 98
Stationery and printing.....	23 59	93 31
Other expenses .....		8 25
TOTAL .....	\$256,856 67	\$270,157 72

MAINTENANCE OF EQUIPMENT.	1898-1899.	1897-1898.
Superintendence .....	\$6,618 69	\$6,856 59
Repairs of engines.....	106,253 19	100,659 73
Repairs of passenger cars.....	19,957 64	29,201 36
Repairs of Company's freight cars.....	119,962 57	90,056 13
Repairs of foreign freight cars .....	15,700 71	10,714 72
Repairs of work cars.....	7,648 17	1,127 09
Shop machinery and tools... ..	8,000 60	11,861 00
Stationery and printing.....	562 56	331 84
Other expenses .....	6,114 40	4,085 29
TOTAL .....	\$290,818 53	\$254,893 75

TABLE F.  
OPERATING EXPENSES.

CONDUCTING TRANSPORTATION.	1898-1899.	1897-1898.
Superintendence—Transportation .....	\$12,531 72	\$10,596 01
Superintendence—Traffic .....	17,731 31	17,526 59
Engineers and firemen .....	79,681 60	73,733 23
Roundhousemen .....	19,002 73	15,439 06
Fuel for locomotives.....	81,495 31	62,399 90
Oil, tallow and waste for locomotives.....	4,065 45	3,635 82
Water supply for locomotives.....	5,619 41	6,128 39
Other supplies for locomotives.....	2,462 76	2,605 82
Train service.....	64,931 65	61,197 17
Train supplies and expenses.....	23,981 32	20,871 53
Switchmen, flagmen and watchmen.....	38,404 48	29,732 01
Telegraph expenses.....	21,034 27	16,204 71
Station service.....	64,731 29	60,875 13
Station supplies and expenses.....	6,676 30	3,445 07
Switching charges.....	1,666 85	8,968 98
Sleeping-car mileage.....	11,228 87	14,273 04
Loss and damage to property.....	16,219 31	9,239 07
Loss and damage to stock.....	9,901 10	11,203 28
Injuries to persons .....	9,465 24	16,768 16
Clearing wrecks.....	2,830 06	1,447 99
Advertising .....	1,049 38	798 40
Outside agencies.....	26,043 66	22,833 82
Commissions.....	774 55	10 48
Rent of tracks, yards and terminals.....	28,698 23	29,362 16
Rent of buildings and other property.....	3,969 91	4,125 08
Stationery and printing.....	5,897 43	2,602 88
Other expenses.....	2,317 24	6,206 07
TOTAL.....	\$562,411 43	\$512,229 85

TABLE F.  
OPERATING EXPENSES.

GENERAL EXPENSES.	1898-1899.	1897-1898.
Salaries of general officers.....	\$24,304 29	\$28,039 69
Salaries of clerks and attendants.....	15,310 72	13,927 13
General office expenses and supplies.....	675 69	500 76
Insurance .....	5,562 94	6,729 01
Law expenses.....	13,916 84	14,047 19
Stationery and printing.....	2,387 33	2,857 86
Other expenses.....	256 15	543 08
War-revenue stamps.....	1,737 47	.....
TOTAL.....	\$64,151 43	\$66,644 72
Taxes .....	\$71,947 23	\$78,978 05
TOTAL, OPERATING EXPENSES AND TAXES.	\$1,246,185 29	\$1,182,904 09

TABLE G.  
STATISTICAL TABLE.

	1894-95.	1895-6.	1896-7.	1897-8	1898-9.
MILES OF ROAD OPERATED.....	295	*309.86	309.86	309.86	309.86
GROSS EARNINGS :					
Passenger.....	\$335,615 86	\$373,635 58	\$333,444 45	\$329 614 92	\$398,179 14
Freight.....	1,032,769 33	1,057,574 29	1,016,854 00	1,137,137 44	1,152,909 81
Mail service.....	70,074 61	70,254 27	67,761 32	67,761 31	65,914 44
Express service.....	37,999 98	38,000 00	38,000 00	38,000 00	38,000 00
Miscellaneous.....	51,947 19	94,629 10	149,486 62	169,419 94	161,519 86
Total.....	\$1,528,406 97	\$1,634,093 24	\$1,605,546 39	\$1,741,933 61	\$1,816,523 25
OPERATING EXPENSES :					
Maintenance of way and structures.....	\$215,158 76	\$260,546 70	\$240,954 91	\$270,157 72	\$256,856 67
Maintenance of equipment.....	187,013 49	233,081 29	224,943 58	254,893 75	290,818 53
Conducting transportation.....	498,587 41	505,753 97	497,245 33	512,229 85	562,411 43
General expenses.....	57,446 63	61,690 67	63,890 63	66,644 72	64,151 43
Taxes.....	70,400 00	72,139 60	76 006 88	78,978 05	71,947 23
Total.....	\$1,028,606 29	\$1,133,212 23	\$1,103,041 33	\$1,182,904 09	\$1,246,185 29
NET EARNINGS.....	\$469,800 68	\$500,881 01	\$502,505 06	\$559,029 52	\$570,337 96
PASSENGER TRAFFIC :					
Number of passengers carried.....	201,087	243,765	197,328	202,869	241,733
Number of passengers carried one mile.....	14,777,859	16,289,939	13,064,040	14,082,480	17,451,439
Average number of miles each passenger carried.....	73.74	66.83	66.20	69 42	72.19
Number of passenger-train miles.....	444 378	443,745	442 689	429,979	461,428
Passenger earnings.....	\$335,615 86	\$373,635 58	\$333,444 45	\$329,614 92	\$398,179 14
Average earnings per passenger.....	\$1 67	\$1 53	\$1 69	\$1 62	\$1 65
Average earnings per passenger per mile.....	cents, 2.27	cents, 2.29	cents, 2.55	cents, 2.34	cents, 2.28
Earnings of passenger trains (including mail, express, excess baggage and news privilege)	\$451,812 76	\$490,154 71	\$447,788 80	\$442,654 06	\$511,249 90
Average earnings per passenger-train mile ..	\$1 02	\$1 10	\$1 01	\$1 03	\$1 11
Average earnings per mile of road.....	\$1,531 57	\$1,531 86	\$1,445 13	\$1,428 56	\$1,649 38
FREIGHT TRAFFIC (exclusive of Co.'s freight).....					
Total number of tons carried.....	1,158,391	1,226,727	1,022,585	1,132,475	1,166,747
Total number of tons carried one mile.....	162,109,766	164,929,090	152,053,424	171,603,979	176,003,005
Average miles hauled.....	139.94	134.45	148.70	151.53	150.85
Number of freight-train miles.....	680,375	666,604	618,267	698,295	733,431
Earnings.....	\$1,032,769 33	\$1,057,574 29	\$1,016,854 00	\$1,137,137 44	\$1,152,909 81
Average earnings per ton.....	\$0 80	\$0 86	\$0 99	\$1 00	\$0 99
Average earnings per ton per mile.....	cents, 0.64	cents, 0.64	cents, 0.67	cents, 0.66	cents, 0.66
Average earnings per freight-train mile .....	\$1 52	\$1 59	\$1 64	\$1 63	\$1 57
Average earnings per mile of road.....	\$3,500 91	\$3,413 07	\$3,281 66	\$3,669 84	\$3,720 74
TOTAL EARNINGS :					
Earnings of passenger and freight trains.....	\$1,484,582 09	\$1,547,729 00	\$1,464,642 80	\$1,579,791 50	\$1,664,159 71
Average earnings per passenger and freight train mile.....	\$1 32	\$1 39	\$1 38	\$1 40	\$1 39
Gross revenue (all sources).....	\$1,528,406 97	\$1,634,093 24	\$1,605,546 39	\$1,741,933 61	\$1,816,523 25
Average gross earnings per mile of road.....	\$5,181 04	\$5,273 65	\$5,181 52	\$5,621 68	\$5,862 40
Average gross earnings per passenger and freight train mile.....	\$1 36	\$1 47	\$1 51	\$1 54	\$1 52
OPERATING EXPENSES :					
Operating expenses (including taxes).....	\$1,028,606 29	\$1,133,212 23	\$1,103,041 33	\$1,182,904 09	\$1,246,185 29
Percentage of operating expenses (including taxes) to gross earnings.....	67.30 %	69 35%	68.70%	67.91%	68.60 %
Percentage of operating expenses (excluding taxes) to gross earnings.....	62.69 %	64.93%	63.96%	63.37%	64 64 %
Operating expenses per passenger and freight train mile.....	\$0 91	\$1 02	\$1 04	\$1.05	\$1 04
Operating expenses per mile of road.....	\$3,486 80	\$3,657 17	\$3,559 81	\$3,817 54	\$4,021 77
NET EARNINGS :					
Net earnings per passenger and freight train mile.....	\$0 45	\$0 45	\$0 47	\$0 49	\$0 48
Net earnings per mile of road.....	\$1,694 24	\$1,616 48	\$1,621 71	\$1,804 14	\$1,840 63

\* The apparent increase in miles of road operated in 1895-96 consisted of the mileage of the Blocton and Attalla Branches, which had previously been reported as side tracks. There has been no *real* increase, therefore, in the miles operated, excepting the increase in terminal tracks acquired by lease of the Belt Railway Company of Chattanooga, the earnings from which are included in "Miscellaneous Earnings," beginning with the fiscal year ended June 30, 1896. These facts should be taken into consideration in comparing the results shown per mile of road operated.



TABLE I.

## PERFORMANCE OF LOCOMOTIVES.

NUMBER OF MILES MADE BY ENGINES :	1893-94	1894-95.	1895-96.†	1896-97.†	1897-98.†	1898-99†.
	cts.	cts.	cts.	cts.	cts.	cts.
Passenger.....	462,579	444,378	443,745	442,689	429,979	461,428
Freight.....	708,233	680,397	666,604	618,267	698,571	733,445
Switching.....	241,385	241,098	261,519	314,707	328,723	323,644
Construction.....	18,643	25,396	37,079	59,089	18,312	21,038
Other .....		...	.....	466	2,383	.439
Total miles .....	1,430,840	1,391,269	1,408,947	1,435,218	1,477,968	1,539,994
Average number of freight cars hauled per mile run*.....	20.43	20.67	21.37	20.31	19.80	19.30
Average number passenger cars hauled per mile run.....	5.93	6.00	6.14	6.34	6.24	6.00
Pounds of waste used.....	5,773	4,695	10,215	11,087½	15,762	14,245
Gallons of lubricating oil used.....	9,615	7,179	7,786	6,529	7,957	7,716
Tons of coal used.....	58,737	59,910	59,972	52,485	60,240	66,558
Cost of oil and waste .....	\$3,050 36	\$2,294 17	\$3,325 55	\$3,594 09	\$3,674 70	\$4,119 58
Cost of coal.....	71,335 97	65,836 62	67,959 28	57,429 79	62,650 00	82,574 19
Wages of engineers and firemen .....	86,238 19	76,381 70	80,088 00	74,354 25	74,404 66	80,954 22
Repairs of engines.....	53,199 55	46,453 57	60,596 40	63,523 27	100,659 73	106,253 19
Cleaning engines and miscellaneous.....	22,330 19	18,442 21	18,821 16	18,249 93	15,439 06	19,002 73
Water supply.....	7,942 93	8,131 02	8,073 27	6,684 42	6,128 39	5,619 42
Superintendence .....	6,097 45	6,313 43	6,172 53	6,772 63	7,082 26	7,160 34
Total cost.....	\$250,194 64	\$223,852 72	\$245,036 19	\$230,608 38	\$270,038 80	\$305,683 67
Cost per mile for oil and waste.....	cts. 0.21	cts. 0.17	cts. 0.24	cts. 0.25	cts. 0.25	cts. 0.27
“ coal.....	4.99	4.73	4.82	4.00	4.24	5.36
“ wages of engineers and firemen.....	6.03	5.49	5.68	5.18	5.03	5.26
“ repairs.....	3.72	3.34	3.70	4.43	6.81	6.90
“ cleaning and miscellaneous.....	1.56	1.32	1.34	1.27	1.04	1.23
“ water supply.....	0.55	0.59	0.57	0.47	0.42	0.36
“ superintendence.....	0.43	0.45	0.44	0.47	0.48	0.47
Total cost per mile run.....	cts. 17 49	cts. 16.09	cts. 17.39	cts. 16.07	cts. 18.27	19 85
Miles run to a pint of lubricating oil .....	18.60	24.22	22.62	27.48	26.18	24.95
Miles run to a ton of coal.....	24.36	23.22	23.49	27.36	24.53	23.14

\* Five empty cars considered equal to three loaded cars.

† Includes waste for cleaning engines, not included in figures for previous years.

† Includes expenses of work-train engines.



TABLE J.  
STATEMENT OF MONTHLY RECEIPTS AND EXPENSES.

DESCRIPTION.	1898.						1899.						TOTAL.
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.	
Passenger .....	\$38,613 90	\$36,572 10	\$41,251 34	\$25,868 01	\$30,072 05	\$37,738 28	\$31,715 75	\$30,546 72	\$30,177 51	\$26,884 48	\$34,329 90	\$34,409 10	\$398,479 14
Freight .....	73,815 00	89,883 93	91,935 52	110,925 95	107,807 75	109,814 81	104,178 19	81,801 98	100,539 07	84,616 81	94,764 65	103,735 35	1,152,909 81
Mail .....	5,646 36	5,646 36	5,647 61	5,646 36	5,646 36	5,647 61	5,646 36	5,646 36	5,647 61	5,031 16	5,031 15	5,031 14	65,914 44
Express .....	3,166 68	3,166 68	3,166 66	3,166 66	3,166 66	3,166 66	3,166 68	3,166 68	3,166 66	3,166 66	3,166 66	3,166 66	38,000 00
Commissary .....	342 05	363 33	363 58	358 67	321 11	400 77	264 82	271 76	335 85	357 23	364 69	219 10	3,962 96
Car Mileage .....	2,997 41	4,323 24	3,134 85	2,731 67	5,185 40	5,282 00	5,559 06	5,643 00	5,065 49	7,011 28	4,840 33	5,828 32	57,602 05
Miscellaneous .....	9,276 00	10,426 06	5,805 42	6,641 73	7,643 55	8,145 15	8,105 19	4,525 03	7,898 17	10,287 67	10,455 92	10,744 74	99,954 85
Receipts, 1898-99 .....	133,857 40	150,381 70	151,304 98	154,439 05	159,842 88	170,195 28	158,636 05	131,601 55	152,821 36	137,355 29	153,953 30	163,134 41	1,816,523 25
Receipts, 1897-98 .....	131,911 06	135,745 97	140,031 05	142,947 98	177,215 50	177,666 15	165,279 76	142,769 97	135,881 53	124,799 05	132,543 40	135,211 19	1,741,933 61
Expenses, 1898-99 .....	92,023 27	100,868 20	101,162 49	102,684 62	96,065 71	98,488 45	105,356 68	97,415 05	114,881 60	105,898 73	120,427 99	110,913 10	1,246,185 29
Expenses, 1897-98 .....	88,140 50	93,417 07	91,064 05	90,926 78	95,467 34	92,340 24	107,825 76	105,242 58	108,646 24	100,942 96	109,045 09	99,845 48	1,182,904 09
Net revenue, 1898-99 .....	\$41,834 13	\$49,513 50	\$50,142 49	\$51,754 43	\$63,777 17	\$71,706 83	\$53,279 37	\$34,186 50	\$37,939 76	\$31,456 56	\$32,525 31	\$52,221 31	\$570,337 96
Net revenue, 1897-98 .....	43,770 56	42,328 90	48,967 00	52,021 20	81,748 16	85,265 91	57,454 00	37,157 39	27,235 29	23,847 09	23,498 31	35,365 71	559,029 52

TABLE K.  
STATEMENT OF PASSENGER TRAFFIC.

Month.	Passengers Carried.	Earnings.	Passengers Carried One Mile.	Average Distance Traveled.	Average Earnings per Pas- senger.	Average Rate per Passenger per Mile.
July, 1898	21,496	\$38,613 90	1,681,902	78.24	\$1.80	2.30 cts.
August, "	21,862	36,572 10	1,762,393	80.61	1.67	2.08
September, "	22,084	41,251 34	1,916,589	86.79	1.87	2.15
October, "	15,840	25,868 01	1,020,973	64.46	1.63	2.53
November, "	19,370	30,072 05	1,358,465	70.13	1.55	2.21
December, "	23,960	37,738 28	1,632,276	68.13	1.58	2.31
January, 1899	17,923	31,715 75	1,275,860	71.19	1.77	2.49
February, "	17,032	30,546 72	1,361,869	79.96	1.79	2.24
March, "	17,012	30,177 51	1,083,782	63.71	1.77	2.78
April, "	18,057	26,884 48	1,146,008	63.47	1.49	2.35
May, "	24,982	34,329 90	1,814,173	72.62	1.37	1.89
June, "	22,115	34,409 10	1,397,149	63.18	1.56	2.46
Totals, 1898-99	241,733	\$398,179 14	17,451,439	72.19	\$1.65	2.28 cts.
Totals, 1897-98	202,869	\$329,614 92	14,082,480	69.42	\$1.62	2.34 cts.

TABLE L.  
STATEMENT OF FREIGHT TRAFFIC.  
(EXCLUDING COMPANY'S FREIGHT.)

Month.	Tons Hauled.	Earnings.	Tons Hauled One Mile.	Average Miles Hauled.	Average Earnings Per Ton.	Average Rate per Ton per Mile.
July, 1898	78,989	\$73,815 00	12,362,212	156.51	\$0.93	0.60 cts.
August, "	97,495	89,883 93	14,850,002	152.32	0.92	0.61
September, "	86,836	91,935 32	13,062,290	150.42	1.06	0.70
October, "	101,724	110,025 95	15,181,602	149.24	1.08	0.72
November, "	96,160	107,807 75	14,055,525	146.17	1.12	0.77
December, "	104,189	109,814 81	16,053,495	154.08	1.05	0.68
January, 1899	96,029	104,178 19	14,579,805	151.83	1.08	0.71
February, "	89,575	81,801 98	12,918,040	144.21	0.91	0.63
March, "	101,728	100,530 07	15,317,676	150.57	0.99	0.66
April, "	95,322	84,616 81	14,445,811	151.55	0.89	0.59
May, "	102,892	94,764 65	15,953,884	155.05	0.92	0.59
June, "	115,808	103,735 35	17,222,663	148.72	0.90	0.60
Totals, 1899-98	1,166,747	\$1,152,909 81	176,003,005	150.85	\$0.99	0.66 cts.
Totals, 1898-97	1,132,475	\$1,137,137 44	171,603,979	151.53	\$1.00	0.66 cts.

TABLE M.  
CLASSIFICATION OF FREIGHT FORWARDED.  
YEAR ENDED JUNE 30, 1899.

DESCRIPTION.	TONS.		PERCENTAGE.		REVENUE.		PERCENTAGE.	
	1899-98.	1898-97.	Increase.	Decrease.	1899-98.	1898-97.	Increase.	Decrease.
Merchandise and miscellaneous...								
Cotton.....	160,088	151,781	5.47	.....	\$306,668 58	\$303,108 29	1.17	.....
Grain and hay.....	53,626	56,145	.....	4.50	134,276 26	144,118 44	.....	6.83
Fruits and vegetables.....	23,263	23,187	0.33	.....	25,359 35	32,267 84	.....	21.41
Tobacco.....	12,887	6,084	111.82	.....	21,756 17	12,813 91	69.79	.....
Live stock.....	1,155	2,525	.....	54.26	3,004 97	6,409 10	.....	53.11
Lumber and logs.....	4,265	5,760	.....	25.95	10,609 50	15,203 46	.....	30.22
Staves and spokes.....	163,611	118,606	37.94	.....	160,001 50	120,286 50	33.02	.....
Coal and coke.....	8,293	7,094	16.90	.....	6,901 63	6,005 09	14.93	.....
Ores.....	205,874	245,189	.....	16.03	113,716 16	134,481 94	.....	15.44
Brick, lime, sand and clay.....	40,603	34,299	18.38	.....	14,615 45	12,488 97	17.03	.....
Machinery.....	93,375	133,335	.....	29.97	40,802 84	55,387 98	.....	26.33
Iron castings.....	42,497	32,529	30.64	.....	54,404 63	42,241 05	28.80	.....
Pig and bloom iron.....	34,649	43,517	.....	20.38	36,582 61	45,383 51	.....	19.39
Provisions.....	260,421	205,241	26.89	.....	130,248 99	100,776 75	29.25	.....
Whisky, brandy, etc.....	27,443	32,462	.....	15.46	39,675 78	47,233 07	.....	16.00
Mineral oil.....	10,543	10,197	3.39	.....	20,712 81	21,918 72	.....	5.50
Flour and meal.....	8,284	6,995	18.43	.....	13,322 28	11,531 17	15.53	.....
	15,876	17,529	.....	9.43	20,250 30	25,481 65	.....	20.53
Total commercial freight.....	1,166,747	1,132,475	3.03	.....	\$1,152,909 81	\$1,137,137 44	1.39	.....
Company's freight.....	113,183	95,125	18.98	.....	.....	.....	.....	.....
TOTAL TONS MOVED.....	1,279,930	1,227,600	4.26	.....	.....	.....	.....	.....

TABLE N.  
ROLLING STOCK.

DESCRIPTION.	Equipment June 30, 1898.	Purchased or Built during year.	Transferred from other Classes during year.	TOTAL.	Destroyed, Sold or Condemned during year.	Transferred to other Classes during year.	Equipment June 30, 1899.
LOCOMOTIVES :							
Passenger .....	11	.....	.....	11	1	.....	10
Freight .....	37	.....	.....	37	1	.....	36
Switching. ....	9	.....	.....	9	1	.....	8
	57	.....	.....	57	3	.....	54
PASSENGER CARS :							
Coach.....	40	.....	.....	40	11	.....	29
Combination coach and baggage..	1	.....	.....	1	.....	.....	1
Baggage.....	9	.....	.....	9	.....	.....	9
Mail.....	5	.....	.....	5	.....	.....	5
	55	.....	.....	55	11	.....	44
FREIGHT CARS:							
Box .....	308	.....	.....	308	5	56	247
Flat.....	292	50	.....	342	12	.....	330
Coal.....	1340	100	.....	1440	38	.....	1,402
Dump.....	92	100	.....	192	8	.....	184
Stock .....	19	.....	.....	19	.....	.....	19
Fruit .....	1247	100	56	1403	25	.....	1,378
Caboose .....	29	.....	.....	29	4	.....	25
	3327	*350	56	3783	92	56	3,585
MISCELLANEOUS :							
Boarding.....	11	.....	.....	11	10	.....	1
Construction.....	14	.....	.....	14	.....	.....	14
Wrecking.....	5	.....	.....	5	.....	.....	5
Steam Shovels.....	1	.....	.....	1	1	.....	0
Ditcher .....	1	.....	.....	1	.....	.....	1
Pile Driver .....	1	.....	.....	1	.....	.....	1
Derrick .....	1	.....	.....	1	.....	.....	1
	34	.....	.....	34	11	.....	23
TOTAL CARS.....	3416	350	56	3832	114	56	3,652

\* Car Trust Equipment.

TABLE O.  
MILEAGE ROAD OPERATED JUNE 30, 1899.

Chattanooga, Tenn., to Meridian, Miss.:		
Owned	290.94	
Trackage rights	5.01	
		295.95
Attalla, Ala., to Gadsden, Ala.		8.90
Woodstock, Ala., to Blocton, Ala.		5.01
		339.86
TOTAL MILEAGE OF MAIN TRACKS.		
Spurs, Sidings and Yard Tracks:		
Owned	73.12	
Leased, Belt Railway Company of Chattanooga	42.40	
Trackage rights	21.53	
		137.05
TOTAL MILEAGE OF ALL TRACKS		
OWNED.	369.96	
LEASED.	42.40	
TRACKAGE RIGHTS.	34.55	
		446.91
GRAND TOTAL.		

## SUMMARY BY STATES.

STATE.	MAIN LINE.			BRANCH LINE.			TOTAL MILEAGE OF ROAD OPERATED.			SIDINGS AND YARD TRACKS.			TOTAL MILEAGE OF ALL TRACKS.		
	Owued and Operated.	Operated Under Lease or Rights.	Total.	Owued and Operated.	Operated Under Lease or Rights.	Total.	Owued and Operated.	Operated Under Lease or Rights.	Total.	Owued and Operated.	Operated Under Lease or Rights.	Total.	Owued and Operated.	Operated Under Lease or Rights.	Total.
Tennessee.....	2.89	5.01	7.90	.....	.....	.....	2.89	5.01	7.90	6.07	44.48	50.55	8.96	49.49	58.45
Georgia.....	24.32	.....	24.32	.....	.....	.....	24.32	.....	24.32	3.12	.65	3.77	27.44	.65	28.09
Alabama.....	244.95	.....	244.95	5.90	8.01	13.91	250.85	8.01	258.86	58.80	18.80	77.60	309.65	26.81	336.46
Mississippi.....	18.78	.....	18.78	.....	.....	.....	18.78	.....	18.78	5.13	.....	5.13	23.91	.....	23.91
TOTAL.....	290.94	5.01	295.95	5.90	8.01	13.91	296.84	13.02	309.86	73.12	*63.93	137.05	369.96	76.95	446.91

\*Includes Belt Railway Company of Chattanooga, consisting of 24.04 miles of switching and suburban tracks, 1.45 miles trackage over C., N. O. & T. P. Ry. and 1.28 miles trackage over Chattanooga Southern Railway and 18.36 miles of side tracks.

TABLE P.  
MOVEMENT OF FREIGHT TRAINS AND CARS.

	1898-99.			1897-98.		
	South Bound.	North Bound.	Total.	South Bound.	North Bound.	Total.
FREIGHT TRAIN MILEAGE.....	367,067	366,364	733,431	348,044	350,251	698,295
CARS MOVED:						
Loaded.....	58,345	68,954	127,299	55,660	69,140	124,800
Empty.....	33,197	27,146	60,343	32,677	25,098	57,775
Total.....	91,542	96,100	187,642	88,337	94,238	182,575
CAR MILEAGE:						
Loaded.....	5,695,745	5,883,875	11,579,620	5,800,511	5,689,996	11,490,507
Empty, including caboose mileage	1,883,367	2,112,260	3,995,627	1,682,519	2,211,076	3,893,595
Total.....	7,579,112	7,996,135	15,575,247	7,483,030	7,901,072	15,384,102
AVERAGE NUMBER OF CARS HANDLED PER TRAIN MILE:						
Loaded.....	15.52	16.06	15.79	16.66	16.24	16.45
Empty.....	5.13	5.77	5.45	4.83	6.31	5.57
Total.....	20.65	21.83	21.24	21.49	22.55	22.02
PERCENTAGE OF CAR MILEAGE:						
Loaded.....	75.15	73.58	74.34	77.52	72.01	74.69
Empty.....	24.85	26.42	25.66	22.48	27.99	25.31

NOTE.—Freight Car Mileage Account:

	1898-99.	1897-98.
Received for mileage of A. G. S. freight cars on foreign roads.....	\$127,628 36	\$127,910 72
Paid for mileage of foreign cars on A. G. S. R. R.....	71,917 04	71,587 05
Balance in favor of A. G. S. R. R.....	\$55,710 72	\$56,323 67



TABLE Q.  
MATERIAL AND SUPPLIES ON HAND.

June 30, 1899.

DESCRIPTION.	QUANTITY.	VALUE.
Air-brake material.....		\$10,043 50
Axles .....	No. 164	1,081 81
Car fixtures and trimmings.....		948 38
Castings—brass and bronze.....	lbs. 10,575	1,887 59
Castings—iron and steel.....	lbs. 14,298	308 19
Coal.....	tons, 2,351 <sup>1200</sup>	2,515 85
Couplers and coupler material.....		2,073 21
Frogs and crossings.....	No. 139	1,963 70
Glass .....		169 97
Hardware, &c.....		954 69
Iron—bar.....	lbs. 186,706	3,354 44
Iron—sheet .....	lbs. 4,271	104 78
Iron—worked .....	lbs. 86,776	2 309 54
Journal bearings.....	lbs. 11,316	1,584 24
Lamps, lanterns, headlights and lighting material.....		960 17
Lumber .....	ft. B. M. 503,874	6,054 84
Metals.....	lbs. 1,725	225 89
Nails, spikes, staples, &c.....	lbs. 1,468	30 12
Oils—illuminating .....	gals. 1,941	163 05
Oils—lubricating.....	gals. 2,448	640 67
Paints, varnish and painters' material.....		1,820 96
Pipe—wrought.....	lin. ft. 6,483	366 21
Pipe—brass, copper, lead, &c.....		139 25
Rails—steel (new).....	tons, 35 <sup>0625</sup>	626 20
Rails—steel (relaying).....	tons, 1,461 <sup>269</sup>	20,455 67
Rails—steel (scrap).....	tons, 54 <sup>1020</sup>	544 55
Rails—iron (relaying).....	tons, 37 <sup>1266</sup>	525 91
Rails—iron (scrap).....	tons, 89 <sup>1722</sup>	1,077 22
Rail fastenings, angle bars, bolts, spikes, &c.....		4,166 08
Steel—bar .....	lbs. 15,049	370 89
Steel—sheet .....	lbs. 9,756	253 66
Springs—steel.....	lbs. 9,543	437 67
Switch stands.....	No. 35	349 50
Scrap material, not including rail.....	tons, 23 <sup>905</sup>	407 87
Ties—cross .....	No. 45,692	11,846 78
Ties—switch.....	ft. B. M. 101,816	916 34
Tin—sheet and tinware.....		216 43
Tires .....		223 44
Tools—shop and miscellaneous.....		374 98
Upholstering material.....		736 02
Waste.....	lbs. 5,050	306 50
Wheels.....	No. 71	610 95
Miscellaneous.....		3,816 47
Stationery.....		4,058 19
Total.....		\$92,016 37
IN CHARGE OF THE FOLLOWING DEPARTMENTS:		
Fuel department.....		\$2,515 85
Supply department.....		35 341 91
Maintenance of way department.....		50,100 42
Stationery department.....		4,058 19
		\$92,016 37

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